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PATENT

Atty Dkt: 243132000105

#5/A
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

L. M. SMITH et al.

Serial No.: 1.60 Continuation of 08/361,176

Filed: On even date herewith

For: AUTOMATED DNA SEQUENCING TECHNIQUE

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination of the above-captioned application, please enter the following amendments and remarks.

Amendment

Please amend the claims as follows:

✓
Please cancel claims 2-30.

✓
Please enter new claims 31-72 below.

31. A method of analyzing polynucleotide fragments which comprises:

AI
providing polynucleotide fragments tagged with chromophores or fluorophores, wherein each chromophore or fluorophore is distinguishable from others by its spectral characteristics;